

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,990,562 B2
APPLICATION NO. : 10/685929
DATED : January 24, 2006
INVENTOR(S) : Eric M. Rentschler et al.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 15, line 61, delete "T" and insert -- The --, therefor.

In column 28, line 11, in Claim 1, after "controller" delete "([0084]; FIG. 1, 100)".

In column 28, lines 12-13, in Claim 1, after "memory" delete "([0087] & [0095], discussing "memory map 1100" and "MAR 1102"; FIG. 11)".

In column 28, line 14, in Claim 1, after "ratios" delete "([0087])".

In column 28, lines 15-16, in Claim 1, after "devices" delete "([0083]), discussing "memory modules" and "RAM devices)".

In column 28, line 19, in Claim 1, after "drivers" delete "([0085], [0086], [0094])".

In column 28, lines 25-26, in Claim 1, after "receivers" delete "([0184], [0185], [0186]; FIGS. 10 & 18)".

In column 28, lines 27-28, in Claim 1, after "network" delete "([0184], discussing "multiplexer 1812)".

In column 28, line 39, in Claim 2, after "bit" delete "([0088])".

In column 28, line 40, in Claim 2, after "devices" delete "([0093]; FIG. 11)".

In column 28, line 42, in Claim 3, after "controller" delete "([0084])".

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 28, line 46, in Claim 4, after "devices" delete "([0005], [0038], [0075], [0139])".

In column 28, lines 48-49, in Claim 5, after "devices" delete "([0084]; 104a, 104b, FIG. 9)".

In column 28, lines 51-52, in Claim 6, after "elements" delete "([0183], discussing "data latches 1802-1808"; FIG. 18)".

In column 28, lines 54-55, in Claim 6, after "counters" delete "([0136], [0185]; 1900, FIG. 19)".

In column 28, line 58, in Claim 6, after "inputs" delete "([0186]; set alt_n, FIG. 18)".

In column 28, lines 61-62, in Claim 6, after "inputs" delete "([0136], [0185]; S1-S4 S1_alt-S4_alt, FIG. 18)".

In column 28, lines 64-65, in Claim 6, after "outputs" delete "([00186]; output of multiplexer 1812, FIG. 18)".

In column 29, lines 2-3, in Claim 7, after "multiplexers" delete "(1812, FIG. 18)".

In column 29, line 6, in Claim 8, after "detect" delete "([0091])".

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 29, line 8, in Claim 9, after "controller" delete "([0084]; FIG. 1,100)".

In column 29, lines 9-10, in Claim 9, after "memory" delete "([0087] & [0095], discussing "memory map 1100" and "MAR 1102"; FIG. 11)".

In column 29, line 11, in Claim 9, after "ratios" delete "([0087])".

In column 29, lines 12-14, in Claim 9, after "devices" delete "([0083]) that are required to access memory devices ([0083]), discussing "memory modules" and "RAM devices)".

In column 29, lines 16-17, in Claim 9, after "interface" delete "([0084]; memory interface 900, FIG. 9)".

In column 29, line 28, in Claim 10, after "pads" delete "([0085]; pads DQ0-DQ7, FIG. 9)".

In column 29, lines 29-30, in Claim 10, after "pads" delete "([0085]; pads DQS0, DQS18, FIG. 9)".

In column 29, line 31, in Claim 10, after "circuitry" delete "([0085], [0086], [0094])".

In column 29, line 36, in Claim 10, after "circuitry" delete "([0184], [0185], [0186]; FIGS. 10 & 18)".

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In column 29, line 45, in Claim 11, after "controller" delete "([0093])".

In column 29, line 48, in Claim 12, after "bit" delete "([0088])".

In column 29, lines 49-50, in Claim 12, after "devices" delete "([0093]; FIG. 11)".

In column 30, line 2, in Claim 13, after "controller" delete "([0084])".

In column 30, line 5, in Claim 13, after "ratios" delete "([0088])".

In column 30, line 8, in Claim 14, after "SDRAMs" delete "([0089])".

In column 30, line 11, in Claim 15, after "devices" delete "([0090])".

In column 30, line 14, in Claim 16, after "widths" delete "([0090])".

In column 30, line 15, in Claim 17, after "controller" delete "([0084]; FIG. 1, 100)".

In column 30, line 17, in Claim 17, after "pads" delete "([0085]; pads DQ0-DQ7, FIG. 9)".

In column 30, lines 18-19, in Claim 17, after "pads" delete "([0085]; pads DQS0, DQS18, FIG. 9)".

In column 30, line 20, in Claim 17, after "means" delete "([0091], e.g., serial presence detect)".

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 30, lines 23-26, in Claim 17, after “means” delete “([0095], [0096], discussing “MAR 1102” and circuitry receiving “act_stb[0]” and :act_stb[1]”; FIGS. 8, 9 & 12; [0184], discussing “multiplexer 1812”; FIG. 18)”.

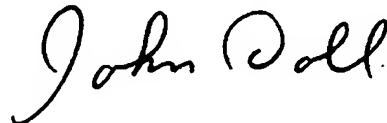
In column 30, lines 34-35, in Claim 18, after “means” delete “([0087] & [0095], discussing “memory map 1100” and “MAR 1102”; FIG. 11)”.

In column 30, lines 42-43, in Claim 19, after “map” delete “(memory map 1100, FIG. 11)”.

In column 30, lines 47-48, in Claim 20, after “devices” delete “([0091])”.

Signed and Sealed this

Second Day of June, 2009

A handwritten signature in black ink that reads "John Doll". The signature is written in a cursive, flowing style.

JOHN DOLL
Acting Director of the United States Patent and Trademark Office